

The Development of the Theoretical Principles of
the Volumetric Deformation of Metals, by
Yu. N. Alekseyev. 7 pp.
RUSSIAN, per, Samoletostroyeniye i Tekhnika
Vozdushnogo Flota, No 5, 1966, pp 32-36.
AIR/FTD/HT-23-1280-68

sci/ materials
nov 69

397,059

The Operation of an Air-Feed Jet Combustion
Chamber Under Unstable Conditions, by
I. P. Goldayev, A. P. Motornenko, 8 pp.
RUSSIAN, per, Samoletostroyeniya i Tekhnika
Vozdushnogo Flota, No 5, 1966, pp 59-64.
AIR/FTD/IT-23-354-68

Sci/Prop & Fuel
Mar 70

402,596

FTD (TDBIR) 12-9-36 BT68-10-2346T
Request translation check
Experimental investigation of the conditions producing
rotating stall zones
Belan, n.V.
Russ per: Samoletostroyeniye i tekhnika vosdushnogo flota,
no 5, 1966, 73-76

In process as FTD-MT-24-494-68

neg. 8-10-68

A Study of Shaping Processes in the Production of
Aviation Conduit Flanges, by A. A. Leleta, 5 pp.
RUSSIAN, per, Samoletostroyeniya i Tekhnika
Vozdushnogo Flota, No 5, 1966, pp 138-142.
AIR/FTD/RT-23-1305-67 AD 679 662

Sci-Mech
Feb 69

372,921

Electron-Beam Heating in the Forming of Sheet
Materials, by O. G. Korol', 3 pp.

RUSSIAN, per, Samoletostroyeniya i Tekhnika
Vozdushnogo Flota, No 5, 1966, pp 154-156.

AIR/FTD/HT-23-1305-67

AD 679 662

Mech
Feb 69

372,922

Noise Reduction in Areas of TU-124
Aircraft Takeoff, by B. N. Mel'nikov.
RUSSIAN, bk, Samoletostroyeniye i
Tekhnika Vozdushnogo Flota, Khar'kov,
1966, pp 157-161/
NASA TT F-11,557

Sci/Aero
Oct 68

369,088

Experimental Installation and Method for Conducting Experiments to Determine Fatigue Limits of Pipeline Connections in Aircraft Hydraulic Systems, by L. P. Loxitskiy, A. A. Ivanenko, et al. 10 pp.

RUSSIAN, per, Samoletostroyeniye i Tekhnika Vozdushnogo Flota, No 6, 1966, pp 82-89.
AIR/ITD/IT-24-377-67

sci/mechan eng
mar 69

376,644

Method of Determination of Shape of Blank in the
Process of Stamping, by A. I. Lopatin,
V. G. Kas'yan, 6 pp.
RUSSIAN, per, Samoletostroyeniye i Tekhnika
Vozdushnogo Flota, No 6, 1966, pp 107-109.
P100185868-V
FTD-MT-24-129-67

Sci/Mat
Sept 68

354,898

Determination of Velocity Field and Rates of
Deformations when Pressing Through a Rectangular
Die, by T. I. Glebov, 7 pp.

RUSSIAN, per, Samoletostroyeniye i Tekhnika
Vozdushnogo Flota, No 6, 1966, pp 120-123.

F100185868-V

FTD-MT-24-129-67

Sci/Kat

Sept 68

354,899

Determination of the Weight of an Empty Aircraft
by Methods of Mathematical Statistics, by
M. A. Rodhegura. 13 pp.
RUSSIAN, per, Samoletostroyeniye i Tekhnika
Vozdushnogo Flota, No 7, 1966, pp 3-11.
AIR/FTD/MT-24-224-68

sci/mathem sci
feb 68

375,648

Certain Results of the Experimental Investigation of Airfoil Compressor Cascades With Blades of Small Elongation, by Ye. A. Polyakov, Yu. V. Stepanov. 6 pp.

RUSSIAN, per, Samoletostroyeniye i Tekhnika Vozdushnogo Flota, No 7, 1966, pp 28-31

AIR/PTD/MI-24-224-688

68

NASA TT F-11,438

sci/mathem sci
feb 69

375,649

Determination of the Border of Stable Operation
of Stages of an Axial Compressor by the Cal-
culation Method, by N. V. Belan,
V. N. Yershchov, et al. 8 pp.
RUSSIAN, per, Samoletostroyeniye i Tekhnika
Vozdushnogo Flota, No 7, 1966, pp 32-36.
AIR/FTD/MT-24-224-68

Sci/mathem sci
feb 69

375,650

Influence of the Frequency of Application Stress
on Characteristics of the Strength of Aluminum
Alloy B95, by A. V. Karlashchov,
V. P. Tokarev. 9 pp.
RUSSIAN, per, Samoletostroyeniye i Tekhnika
Vozdushnogo Flota, No 7, 1966, pp 54-59.
AIR/FTD/MT-24-224-68

sci/material
feb 69

375,651

Approximate Estimate of Friction in Composite
Bearings, by N. I. Brekhin 6 pp.
RUSSIAN, per, Samoletostroyeniye i Tekhnika
Vozdushnogo Flota, No 8, 1966, pp 3-6.
AIR/FTD/MT-23-504-68

sci/medan engr
mar 70

402,9 806

FTD (TDBIR)
Request translation check 18-9-55 Bt68-10-2631T

Synthesis of minimum-weight cylindrical cased tanks

Ryabchenko, V. M.

Rus Per: Samoletostroyeniye i tekhnika vozdushnogo
flota, no. 8, 1966, 81-86

In process as FTD NT-23-1274-68

neg 8-10-68

Current-collector Contact Testing, by
N. I. Kormilov. 8 pp.
RUSSIAN, bk, Samoletostroyeniye i Tekhnika
Vozdushnogo Flota, 1966, pp 104-105.
NASA TT F-12,588

Sci-Elec
Jan 70

399,013

Optimum Parameters of Cylindrical Sandwich
Shells With Corrugated-Sheet Core Stiffened by
Elastic Frame, by B. A. Panasenko. 8 pp.
RUSSIAN, per, Samoletostroyeniye i Tekhnika
Vozdushnogo Flota, No 8, 1966, pp 101-105.
AIR/FTD/FT-23-1281-68

median engr
sept 69

393,009

The Inclusion of Tensio-Sensitive Lattice of an Attached Sensor During the Deformation of an Element Under Investigation, by A. I. Makeyev. 10 pp.

RUSSIAN, per, Samoletostroyeniye i Tekhnika Vozdushnogo Flota, No 8, 1966, pp 114-120.
AIR/FTD/HI-23-659-68

sci/methods and equipment
may 69

381,265

Experimental Study of an Oscillatory Process in
Cylindrical Shells Excited by Instantaneous
Liberation of Energy, Ye. A. Limberg,
O. F. Tkachev, et al. 13 pp.
RUSSIAN, per, Samoletostroyeniye i Tekhnika
Vozdushnogo Flota, No 8, 1966, pp 133-141.
AIR/FID/IN-23-651-68

sci/physics
may 69

381,167

Grinding and Polishing Large Plates for Aircraft
Skins, by V. N. Vorezub, D. A. Khodhlov. 9 pp.
RUSSIAN, per, Samoletostroyeniye i Tekhnika
Vozdushnogo Flota, No 8, 1966, pp 168-173.
AIR/FTD/MT-24-437-68

sci/mechan engr
july 69

384,220

Thermodynamics Calculation of Reaction-Type Combustion Chambers, Functioning on a Fuel of the Type $C_2H_2O_2N_2$ with a Coefficient of Excess Oxidizer $\alpha > 1$, by I. P. Goldayev, V. P. Cherepanov. 8 pp. RUSSIAN, per, Samoletostroyeniye i Tekhnika Vozduchnogo Flota, No 1, 1967, pp 11-16.
AIR/FTD/HT-23-603-69

Sci-Phys
Jul 70

Selection of an Optimum Means of Realizing Control Algorithms for Aircraft Computers, by N. T. Berezyuk.
RUSSIAN, per, Samoletostroyeniye i Tekh Vozdushnogo Flota, No 2, 1967, pp 45-48.
NASA TT F-12,000

Sci-Elec
Mar 69

377,544

Features of the Process of Optimization of High
Speed Soaring Flight, by Ye. P. Vachasov. 9 pp.
RUSSIAN, par, Samolotostraniye i Tekhnika
Vozdushnogo Flota, No 9, 1967, pp 3-8.
AIR/MI/MI-23-852-68

sci/ aeronautics
oct 69

395,264

Engineering Method of Aerodynamic Design of a
Ground-Effect Vehicle With a Double Flow Nozzle
by L. P. Kalitievskiy. 8 pp.
RUSSIAN, per, Samoletostroyeniye i Tekhnika
Vozdushnogo Flota, No 9, 1967, pp 9-14.
AIR/FTD/HT-23-781-68

sci/aeronautics
july 69

384,212

Effect of Nonuniformity of Incident Flow on the
Characteristics of the Stages of a Compressor
With Blades With a Small Aspect Ratio, by
A. Ye. Polyakov. 5 pp.

RUSSIAN, per, Samoletostroyeniye i Tekhnika
Vozdushnogo Flota, No 9, 1967, pp 22-24.
AIR/FTD/II-23-782-68

sci/ physics
oct 69

395,269

Grinding of Large Plates and Sheets with a Variable
Cross Section, by V. N. Verezub, Yu. V. Gerasimenok,
13 pp.

RUSSIAN, per, Samoletostroyeniye i Tekhnika
Vozdushnogo Flota, No 9, 1967, pp 125-132.

ARM/FSTC/HT-23-103-69

Sci/Aer
Sept 69

387,426

Short Take-Offs for Jet Aircraft, by
N. K. Liseytsev. 13 pp.
RUSSIAN, per, Samoletostroyeniye i Tekhnika
Vozdushnogo Flota, No 10, 1967, pp 3-13.
AIR/FTD/IN-23-710-68

sci/ aeronautics
nov 69

396,996

Engineering Method for Thermodynamic Calculations of Jet-Type Combustion Chambers Using Hydrocarbon Fuel and Air, by I. P. Coldayev, V. P. Cherepanov. 9 pp.

RUSSIAN, per, Samoletostroyeniye i Tekhnika Vozdushnogo Flota, No 10, 1967, pp 14-19.

AIR/ETD/IT-23-842-68

sci/prop and fuels
apr 69

380,056

Investigating the Possibility of Air Cooling
Compact Jet Combustion Chambers Working at
A P = 1, by A. P. Fursov, G. S. Zherdev. 8 pp.
RUSSIAN, per, Samoletostroyeniye i Tekhnika
Vozdushnogo Flota, No 10, 1967, pp 20-25.
AIR/FID/MT-24-158-69

sci/propulsion and fuel
feb 70

401,134

The question of Algorithmization of Control
Computers for Aircraft, by N. T. Bereznyuk.
7 pp.

RUSSIAN, per, Samoletostroyeniye i Tekhnika
Vozdushnogo Flota, No 10, 1967, pp 43-46.
AIR/PTD/T-24-510-68

sci/aeronautics
dec 69

397,373

Construction of Circuits of Automatic Signal
Indicators of Flow Conditions Based on a
Measurement of Pressure Distribution Along the
Streamline Surface, by A. M. Ikhitaryan,
V. Ya. Fridland, et al. 8 pp.

RUSSIAN, per, Samoletostroyeniye i Tekhnika
Vozdushnogo Flota, No 10, 1967, pp 47-52.
AIR/FTD/MT-24-397-68

sci/ electronics
dec 69

398,734

A Discrete Method of Plate and Shell Calculation,
by Yu. P. Petrov. 22 pp
RUSSIAN, per, Samoletostroyeniye i Tekhnika
Vozdushnogo Flota, No 10, 1967, pp 53-69.
AIR/FTD/HI-23-672-68

sci/physics
apr 69

377,979

Double Overlap Glue Joint, by P. M. Lyubarets.
9 pp.

RUSSIAN, per, Samoletostroyeniye i Tekhnika
Vozdushnogo Flota, No 10, 1967, pp 70-76.
AIR/FTD/IN-23-1063-68

sci/materials
july 69

384,215

Installation for High-Temperature Investigations
of Heat-Resistant Aviation Materials and
Coatings, by V. V. Pasichnyy, V. S. Ivomnyakov.
10 pp.

RUSSIAN, per, Samoletostroyeniye i Tekhnika
Vozdushnogo Flota, No 10, 1967, pp 77-83.
AIR/PED/II-24-504-68

sci/aeronautics
sect 69

393,114

Hot Impulsive Deformation of Low
Carbon Steel, by P. P. Kochetov,
S. A. Poltarushnikov, 8 pp.
RUSSIAN, rpt, Samoletostroyeniye I
Tekhnika Vozdushnogo Flota, No 10,
1967, pp 110-115
AIR/FTD-HT-23-316-69

Sci/Materials

405 017

The Optimum Incident Angle on Low-Aspect-Ratio
Rotor Blades of a Compressor Stage, by
V. V. Kovalevskiy, 8 pp.
RUSSIAN, per, Samoletostroyeniye i Tekhnika
Vozdushnogo Flota, No 11, 1967, pp 24-28.
AIR/FTD/MT-24-242-69

Sci/Prop & Fuel
Mar 70

402,603

A Theory of an Erosion Plasma Source, by
V. V. Balyberdin, N. A. Khizimyak. 10 pp.
RUSSIAN, per, Samoletostroyeniya i Tekhnika
Vozdushnogo Flota, No 11, 1967, pp 35-41.
AIR/PTD/AT-24-173-69

sci/physics
jan 70

399,877

Evaluating the Instruction Format of a Control
Computer, by V. A. Popov.
RUSSIAN, per, Samolatostryaniye i Tekhnika
Vozdushnogo Flota, No 11, 1967, pp 49-51,
AIR/FTD/HT-23-134-70

Sci-
June 70

Statistical Investigations of the Operational
Loading of the Landing Gear of a Main-Line
Aircraft, by A. M. Pan'kov.

RUSSIAN, per, Samoletostroyeniye i Tekhnika
Vozdushnogo Flota, No 11, 1967, pp 52-60.

RASA TT F-11,900

Sci
Dec 68

371,126

Bending Design for Elastic Plates of Variable
Thickness with Two Free Opposite Sides, by
Yu. P. Petrov, 15 pp.

RUSSIAN, per, Samoletostroyeniye i Tekhnika
Vozdushnogo Flota, No 11, 1967, pp 61-71.

AIR/FTD/HT-23-422-69

Sci-Phys
Mar 70

403,302

Hypersonic Gas Flow Past a Flat Plate with
a Sharp Leading Edge, by G. M. Poyedintsev.
RUSSIAN, per, Samoletostroyeniye i Tekh
Vozdushnogo Flota, No 12, 1967, pp 9-15.
Dept of Navy APL/JHU CLB-3 T-585

Sci-Phys
July 69

385,267

Influence of Secondary Forces on the Takeoff
and Landing Characteristics of a Short Takeoff
and Landing (STOL) Jet Aircraft, by V. I. Surus.
RUSSIAN, bk, Samoletostroyeniye i Tekhnika
Vozdushnogo Flota, 1967, pp 16-20. 2012
NASA TT F-12,181

Sci-Aero
Sept 69

391,528

Several Questions in the Selection of Structure
of Flight Control Computers, by V. K. Popov,
N. T. Berazyuk. 7 pp.
RUSSIAN, par, Samoletostroyeniye i Tekhnika
Vozdushnogo Flota, No 12, 1967, pp 52-55.
AIR/FTD-MT-24-108-70

Sci-Aero
Dec 70

REQ TR CHECK

28-02-73

T278

EFFECT OF DESIGN SHAPE AND STRESS CONCENTRA-
TORS ON THE STRENGTH OF UNEVENLY HEATED
TURBINE DISCS

KABELEVSKIY, M G; OSTAPCHUK, I I; PRONKIN, A F
UR: SAMOLETOSTROYENIYE I TEKHNIKA
VOZDUSHNOGO ELOTA, NO. 12, 1967, 78-86 pages

Process in as

HT-73-23-0217

The Vortex at an Inlet of an Air Intake,
by A. Ya. Miroshnichenko.
RUSSIAN, per, Samoletostroyeniye i Tekh
Vozdushnogo Flota, No 12, 1967, pp 128-29.
CIA X-6995

May 69

382,285

Experiment on the Conditions of Conception of
Zones of Rotating Stall, by N. V. Belan, 7 pp.
RUSSIAN, per, Samoletostroyeniye i Tekh Vozdushnogo
Flota, No 5, 1968, pp 73-76.
AIR/FTD/MT-24-494-68

Sci/Aero
Nov 69

395,957

Approximate Methods of Calculating the Distribution
of Velocity with Altitude During the Braking of
Bodies in the Atmosphere, by O. A. Privarnikov.
9 pp.

RUSSIAN, per, Samoletostroyeniye i Tekhnika
Vozdushnogo Flota, No 13, 1968, pp 10-15.
AIR/FTD/HT-23-602-69

Sci-Aero
June 70

A Method of Compensating for the Amplitude
Fluctuations of a Signal Reflected from an Aircraft,
by I. V. Baryshev, 7 pp.

RUSSIAN, per, Samoletostroyeniye i Tekhnika
Vozdushnogo Flota, No 13, 1968, pp 39-43.

AIR/FID/HT-23-210-69

Sci/Elec

402,609

On Errors of Computer Devices for Aircraft, by
V. A. Papov. 7 pp.
RUSSIAN, per, Samoletostroyeniye i Tekhnika
Vozdushnogo Flota, No 13, 1968, pp 44-47.
AIR/FTD/TT-24-300-69

sci/electronics
mar 70

404,454

Application of Legendre Transforms to an
Investigation of Plane Elastoplastic Waves
of a Load, by Turchenko, V. Ya. 11 pp.
RUSSIAN, per, Samoletroyeniye i Tekhnika
Vozdushnogo Flota, No 13, 1968, pp 70-76.
AIR/FTD/NT-24-280-69

sci/Mathematical Sciences
apr 70

405,982

Experimental Determination of the Creep Characteristics of Fiber Glass-reinforced Plastics, by S. A. Udovanko. 7 pp.

RUSSIAN, per, Samoletrostroyeniye i Tekh Vozdushnogo Flota, 1968, pp 97-100.

NSA TT F-12,742

Sci-Materials
May 70

REC- (SC-T-722520) LONGITUDINAL IMPACT ON THE
END FACE OF PRISMATIC RODS, CYLINDRICAL, AND CONICAL
SHELLS. Egorshin, A. A. ¹⁰Translated by Patricia Newman
(Sandia Labs., Albuquerque, N. Mex.), from ¹⁵Samoletostr. Tekh.
Vozdush. Flota; 13: 99-104 (1968). ²⁰10p. ²⁴Dep. NTIS.

²⁸physics; translations ²⁷20

²⁸MN-34 ²⁹P NSA

Analysis of a Circular Cylindrical Shell
Subjected to Dynamic Loading, by
Yu. N. Alekseyov, Ye. A. Limberg.
RUSSIAN, per, Samolet i Tekh Vozdush Flotat,
No 13, 1968, pp 118-120.
CIA X-6896

Feb 69

327
374,237

Analytical Method for Determining the Service
Life of Oil in an Engine, by V. N. Sukharnikov,
A. A. Litvinov. 8 pp.
RUSSIAN, per, Samoletostroyeniye i Tekhnika
Vozdushnogo Flota, No 13, 1968, pp 132-136.
AIR/FID-HI-23-660-69

sci/fuels and prop;
may 70

Calculating Flexure and Stability of
Rectangular and Nonrectangular Anisotropic
Plates by the Differential Difference
Method, by Yu. P. Petrov, 19 pp.
RUSSIAN, per, Samoletostroyeniye i
Tekhnika Vozdushnogo Flota 1968, No. 15,
pp. 61-74
AIR/FTD/IC-23-461-70

FEB 71

Estimation of Stability of Elastic Noncircular
Conical and Cylindrical Orthogonal Casings,
by Yu. P. Petrov. 21 pp.
RUSSIAN, por, Samoletostroyeniye i Tekhnika
Vozdushnogo Flota, No 15, 1968, pp 75-89.
AIR/FTD-HC-23-460-70

sci/aeronautics
feb 71

Plastic Wing with Laminar Profile, by
O. R. Cherenovskiy, V. B. Zozulya. 9 pp.
RUSSIAN, per, Samoletostroyeniye i Tekhnika
Vozdushnogo Flota, No 16, 1968, pp 101-106.
AIR/FTD-HT-23-400-70

sci/aero
feb 71

Conversion of Several Computational Algorithms
For Decreasing the Length of the Word Format of
Control Computers for Aircraft, by I. N.
Koronet, et al. 5 pp.
RUSSIAN, per, Samoletostroyeniye i Tekhnika
Vozdushnogo Flota, No 14, 1969, pp 21-24.
AIR/FTD/HC-23-865-70

Sept 71

UR: SAMOLETOSTRONNIYE I TEKHNIKA
VOZDUSHNOGO FLOTA, 1970, nr 17, pp 14-18

for process

MT-24-71-1233

6/10/71

Laminar Boundary Layer on a Wing and
a Body of Revolution in the Presence
of Blowing, by L. F. Kozlov.
RUSSIAN, per, Samoletostroenie i
Tekhnika Vozdushnogo Flota, No 17,
1970, pp 19-25.
NTC 72-11136-20D

Nasa TTF 13627 12jp
May 72

REQ TR CHECK

06-02-73

T159

INFLUENCE OF THE STRAIN RATE ON THE PLASTICITY
OF METALS AND ALLOYS

KONONENKO, V.G.; KUSHNARENKO, S.G.

ZHUR: SAMOLETOSTROENIE I TEKHNIKA VOZDUSHNOG

: NO. 17, 1970, pp. 116-120

*Process in a**HT 73-23-0179**key
2/13/72*

*Influence of test time and contact stresses on antiwear
properties of jet fuels under rolling friction, by
A. F. Aksenov, A. A. Litvinov. 6 pp.
RUSSIAN, per, Samoletostroyeniye i Tekhnika vozdukhogo
Flota, No 17, 1970, pp 130-133.
AIR/FTD-HT-23-1235-71*

apr 72

Noise Reduction in a Turbulent Jet by the Method
of Repeated Air Injection, by B. N. Melnikov, 7 pp.
RUSSIAN, per, Samoletosty. Tekh. Vozdush.
Flota, No 18, 1970, pp 28-30.
NASA-TT-F-13667

NTC 72-10189-0113

Sept 71

Transonic Gas Flow Around a Symmetric Profile,
by G. P. Sigalov.
RUSSIAN, per, Samoletostroeniya i Tekhnika
Vozdushnogo Flota, No 20, 1970, pp 20-21.
NTC 71-14436-01A

CIA x 7447 5 pp

Feb 72

V. I. Surus

*Investigation of the takeoff-landing characteristics
of short takeoff and landing (STOL) jet aircraft.*
8 pp.

*RUSSIAN, Samoletostroyeniye i tekhnika voadushnogo
flota, No 20, 1970, pp 40-44*
AIR/FTD-MT-24-1674-71

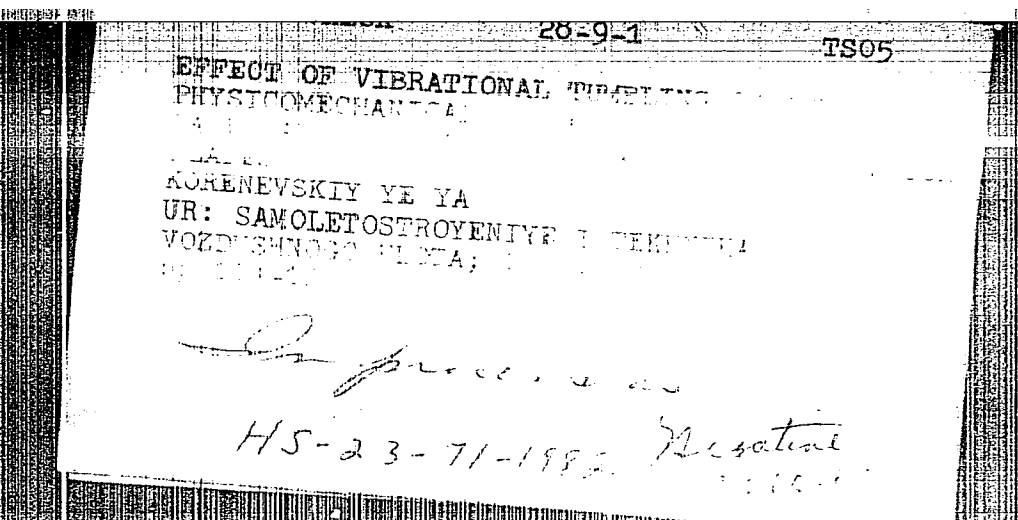
sept 72

Determination of Optimum Parameters of the Means Used to
Protect the Compartments of an Aircraft From Aerodynamic
Heat at High Speeds and During a Prolonged Flight, by
F. G. Yasinskiy, 14 pp.

SAMOLETOSTROYENIYE I TEKHNIKA VOZDUJSHNOGO FLOTA, No 22,
1970, pp 61-69.

AIR/FTD/HT-23-1755-72

Feb 73



Aircraft Navigation, by S. S. Fedchin.
RUSSIAN, bk, Samoletovozhdeniye, 1966,
555 pp.
NAS/NASA/TT F-524 69

Sci-Nav
Mar 69

376,321

Vertical Landing and Takeoff Aircraft, by
V. P. Pavlenko.
RUSSIAN, bk, Samolety Vertikal'nogo Vzleta i
Pozadki, 1966, pp 3-344.
ACSI J-6105
FETC-ET-23-887-68

Sai-Aero
Sept 69

391,280

Problem of Teaching Machines to Identify External
Situations, by M. A. Ayzerman, E. M. Braverman,
et al. 9 pp.
RUSSIAN, rpt, Moscow. Institute Avtomatiki i
Telemekhaniki. Samobuchayushchiyesya Avto-
matischeskiy Sistem, 1966, pp 3-8.
AIR/FTD/MT-24-17-68

Sci/behaviorial sci
feb 69

375,643

About Some Basic Principles of Constructing
Training Identification Systems, by
V. A. Yakubovich. 16 pp.
RUSSIAN, rpt, Moscow. Institut Avtomatiki i
Telemekhaniki. Samobuchayushchiyesya Avtomati-
cheskiye Sistemy, 1966, pp 9-20.
FTD S-728

437-69

july 69

384,299

Matrix Method of Pattern Recognition and
Certain Problems in the Construction of
Standards, by V. Yu. Trakhtman, 9 pp.
RUSSIAN, per, Moscow, Institut Avtomatiki i
Tekhnicheskoye Sostoyaniye, Moscow, Izd-vo
Nauka, 1966, pp 63-59.
AIR/FTD/HT-23-1525-67

Sci-Elect. & Elect. Eng.

Certain Problems of Optimum Pattern Recognition,
by G. A. Medvedev, 9 pp.
RUSSIAN, per. Moscow, Institut Avtomatiki i
Telemekhaniki, Samoobuchayushchiyeviya
Avtomaticheskoye Sistemy. Moscow, Izd-vo
Nauka, 1966, pp 60-66.
AIR/FTD/RT-23-1525-67

Sci-Elect & Elect Engr
Jan 69

370.870

Teaching Pattern Recognition in Boolean
Space, by A. D. Zakrevskiy, N. R. Toropov,
8 pp.

RUSSIAN, per, Moscow, Institut Avtomatiki i
Telekhaniki, Samooobuchayushchiye
Avtomaticheskoye Sistemy. Moscow, Izd-vo
Nauka, 1966, pp 67-72.
AIR/FTD/HT-23-1525-67

Sci-Elect & Elect Engr
Jan 69

170,871

Some Aspects of Pattern Recognition with the
Application of Threshold Elements, by A. B.
Ehabin, 9 pp.

RUSSIAN, per, AN SSSR. Institut Avtomatiki i
Telemekhaniki. Samooobuchayushchiyeaya Avtoma-
tlcheskiye Sistemy, 1966, pp 94-101.

P100217868-V

FTD-HT-23-1044-67

Sci-Electronics & Elec Engr.
Sept 68

366,034

Utilization of Stochastic Automata
with Variable Structure for Deter-
mination of Some Problems of Behavior,
by V. I. Varshavskii. E. P. Vorontsova.
RUSSIAN, bk, Samoobyayushchiesya
Avotomaticheskie Sistemy, 1966, pp.
158-64.
NTC 69-11661-128

Sci-Nhem
July 69

386,693

A Self-Tuning Circuit for Receiving Binary
Signals Under Noise Conditions With Unknown
Statistical Characteristics, by
A. N. Klumov, G. N. Potapov. 10 pp.
RUSSIAN, rpt, Moscow. Institut Avtomatiki i
Telemekhaniki. Samobuchayushchiyesya Avto-
maticheskiye Sistemy, 1966, pp 402-407.
AIJ/PID/IT-23-112-68

sci/ electronics
sept 69

391,008

Self-Regulation of the Brain, by
K. A. Ivanov-Muromskiy, 189 pp.
RUSSIAN, bk, Samoregulyatsiya Golovnogo Mozga.
Mosc, 1971, pp 5-8, 11-31, 35-138, 141-142.
UFG 50061

Feb 73

Self-Regulation of Higher Nervous Activity,
by A. A. Krauklis.
RUSSIAN, per, Samoregulyatsiya Vyshey Nervnoy
Deyatelnosti, 1964. P100106368-V
FTD-HT-23-808-67

Sci/B&M
June 68

359,296

Chapter I. Brief Outline of the Steps of the
Gold Study, by A. P. Smolin, 15 pp.
RUSSIAN, bk, Samorodki Zolota Urala, Moscow, 1970,
144 pp.
JPRS 55835

May 72

Chapter IV. Conditions of Finding Nuggets and
Clusters of Gold Accumulations in the Ore
Deposits of the Urals, by A. P. Smolin, 39 pp.
RUSSIAN, bk, Samorodki Zolota Urala, Moscow, 1970,
144 pp.
JPRS 55835

May 72

Chapter V. Conditions of Finding Gold Nuggets
in the Ural Placers, by A. P. Smolin, 30 pp.
RUSSIAN, bk. Samorodni Zolota Urala, Moscow, 1970,
144 pp.
JPRS 55835

May 72

Chapter VII. Conclusions and Recommendations,
by A. P. Smolin, 7 pp.
RUSSIAN, bk, Samorodid Zolota Urala, Moscow, 1970,
144 pp.
JPRS 55835

May 72

Self-Ignition Flame and Detonation in Gases, by
A.K. S. Sokolik, 458 pp.
RUSSIAN, bk, Samovosplamnenie, Plama i Detonatsiya
v Gazakh, 1960.
OTS 63-III79
PL-480

Sci - Chem
Mar 64

253,029

The Northernmost Point, Geographical Outline About
the Town of Noril'sk Situated Beyond the Polar
Circle, by P. V. Dunayev, 34 pp.

RUSSIAN, rpt, Samyy Severnyy, Geograficheskiy Ocherk o
Zapolyarnom Gorode Noril'ske, Moscow, 1960,
pp 3-72. (Abstracts Only) 9690258

ACSI I-3584
ID 2250304

USSR

Geog. Jul 64

Most General Trends and Forecasts in Modern
Mathematics, 9 pp.

RUSSIAN, per. Samyye Obshchiye Tendenstii i
Prognozy v Sovremennoy Matematike,

ACSI-K-1560

FSTC-HT-23-986-72

May 72

Lubricating and Protective Materials, by
I. N. Kolotukhin, V. G. Kuznetsov, 140 pp.
RUSSIAN, bk. Samzochnyye i Zashchitnyye Materialy,
1965, pp 1-172. P100186268-V
FTD-MT-24-112-67

Sci/Prop & Fuels
Sept 68

364,951

Making a City Verdant, by B. V. Popov.
RUSSIAN, mono, Sanitarnaya Ochrana Atmosfernogo
Vozdukh Moskv Izdatelstvo Meditsina, Moskva,
1965, pp 67-89.
NTC 71-14015-02D (pp 60-75)

Feb 72

U.S.S.R. Literature on Water Supply and Pollution Control Vol 8. Sanitary Protection of Natural Water Basins Against Pollution With Industrial Waste Water, by B. S. Levine. 223 pp. RUSSIAN, mono, Sanitarnaya Okhrana Vodooemov ot Zaprazneniya Promyshlennymi Stochnymi Vodami. 1966.

CPSTI TT-66-61515

Sci/BGM
Apr 67

322,458

Electrical Morphous,
RUSSIAN, per, Sovremennaya Tekhnika,
No 8, 1965, pp 294,295.
NASA TT F-9743

Sci-Elect
Mar 66

298,598

The Assembly of Gas-Turbine Aircraft Engines (Selected Chapters), by V. I. Sokolov, L. K. Nikolenko. 98 pp.
RUSSIAN, bk, Sbornik Aviatsionnykh Gazoturbinnnykh
Dvigatelyi, 1969, pp 257-343.
AIR-FTD-HC-23-635-70

Assembling Biological Structures, by
B. F. Poglazov.
RUSSIAN, bk, Skorka Biologicheskikh Struktur,
1970, approx. 240 pp.
CONSULTANTS BUREAU/PLENUM PRESS

sci/ b and m
aug 69

389,714